

Fig. 1

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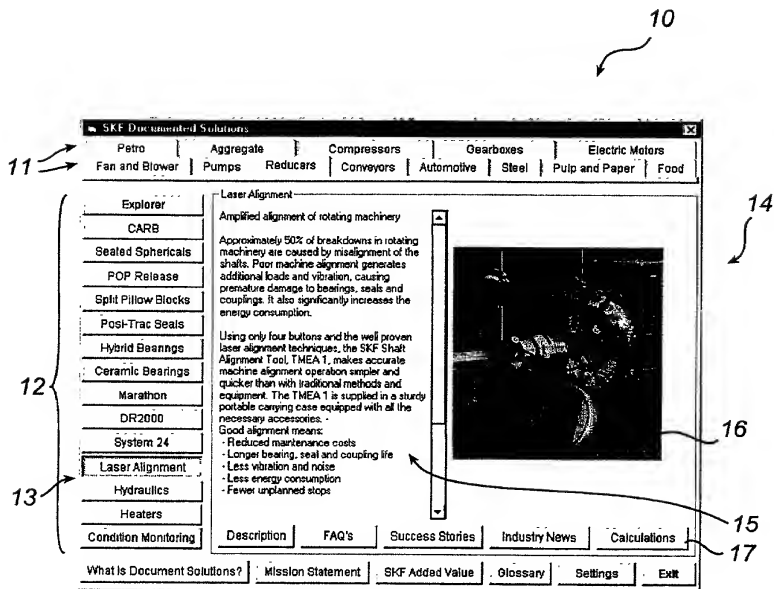


Fig. 2

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Laser Alignment

Annual Repair Cost Savings

50 Number of Rotating Machines

30 Machine Failures per Year

1.63 Increase in Machine Life from Alignment

11.60 Reduction in Machine Failures Annually

\$1,285 Related Cost of Fixing Application

\$14,906 Annual Repair Cost Savings

Annual Energy Cost Savings

5,600 Ave. Hourage of Machine Usage a Year

460 Average Motor Voltage

36 Ave. Machine Amperage before alignment

4.14 Average Reduction in Amperage Draw

0.95 Motor Power Factor

3.1335 Hourly kw Reduction for Ave Machine

2,632,140 Total kw Savings

\$184,250 Estimated Annual Energy Cost Savings

Increased Production (Annually)

11.60 No. of Machines that Affect Production

\$2,500 Cost of Downtime per Hour

\$23,000 Increased Production

SKF Documented Solutions Savings

\$14,906 Annual Repair Cost Savings

\$23,000 Increased Production

\$184,250 Annual Energy Cost Savings

\$224,156 Net Annual Cost Savings

Calculate Results

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Fig. 3

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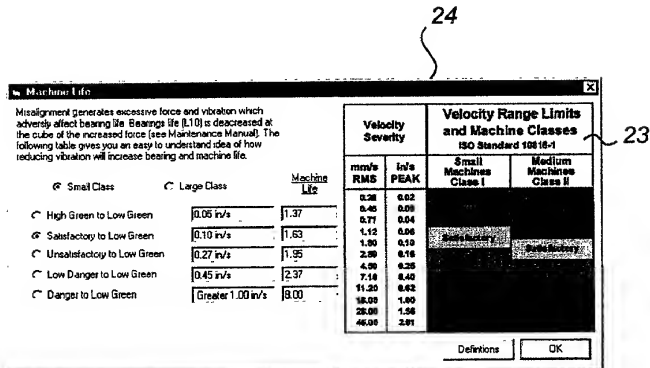


Fig. 4